



Attorney's Docket No.: 11926-015001

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Vincent P. Stanton, Jr.  
Serial No. : 09/658,659  
Filed : September 8, 2000  
Title : GENE SEQUENCE VARIANCE IN GENES RELATED TO FOLATE METABOLISM HAVING UTILITY IN DETERMINING THE TREATMENT OF DISEASE

Art Unit : 1655  
Examiner : Chakrabarti, A.

TECH CENTER 1600/2900

Commissioner for Patents  
Washington, D.C. 20231

SECOND PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

In the specification:

Insert the enclosed Sequence Listing into the specification after the Oath and Declaration.

Replace Table 10 beginning at page 171, with the following table:

*Sub E1*  
**Variance Table**

**Table 10**

| Hugo Variance          | GID Start | OMIM ID   | VGX Symbol | Description |
|------------------------|-----------|-----------|------------|-------------|
| U73338                 | U73338    | 156570    | GEN-69     | Methionine  |
| Synthase (SEQ ID NO:1) |           |           |            |             |
| 194                    |           | (-201)C>G | 5'         |             |
| 284                    |           | (-111)C>T | 5'         |             |
| 1136                   |           | 742G>A    | V248M      |             |
| 1252                   |           | 858C>T    | Silent     |             |
| 1334                   |           | 940G>A    | D314N      |             |
| 1699                   |           | 1305T>C   | Silent     |             |

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

*September 17, 2001*  
Date of Deposit

Signature

*Carrie A. Amonte*

*Carrie A. Amonte*

Typed or Printed Name of Person Signing Certificate

*R*  
R-07